

Converting Colors

XYZ(27.4894, 23.4581, 4.2808)

Have a look what the booklet for
XYZ(27.4894, 23.4581, 4.2808)
contains.

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Color

**XYZ(27.4660, 23.4033,
4.2980)**

Conversions

Conversions Part 1

Format	Color
Hex	BD741E
RGB	189, 116, 30
RGB Percent	74%, 45%, 12%
CMY	0.2588, 0.5451, 0.8823
CMYK	0.00, 0.39, 0.84, 0.26
HSL	32°, 73%, 43%
HSV	32°, 84%, 74%
XYZ	27.4660, 23.4033, 4.2980
YIQ	128.0230, 71.1140, -11.2700

Conversions

Conversions Part 2

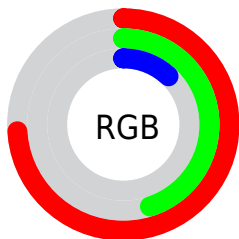
Format	Color
RYB	165, 189, 30
Decimal	12416030
CIELab	55.49, 22.44, 55.15
CIELCh	55, 59.542, 67.862
Yxy	23.4033, 0.4979, 0.4242
Android (android.graphics.Color)	4290606110 (0xFFBD741E)
YUV	128.0230, -48.3253, 53.4768
Hunter-Lab	48.3770, 16.6836, 28.5963

Details

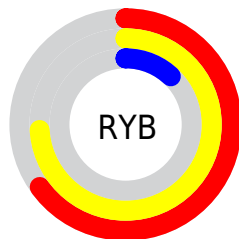
The XYZ color **27.4660, 23.4033, 4.2980** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **14.5708, 13.6502, 50.0106**, and the grayscale version is **20.6716, 21.7481, 23.6837**.

A 20% lighter version of the original color is **54.9883, 48.9538, 14.7344**, and **11.2131, 8.7601, 1.0999** is the 20% darker color. If you saturate the color by 10%, you get **26.3391, 21.4272, 3.0674**, and if you desaturate by 10%, it is **28.8319, 25.6266, 6.3219**.

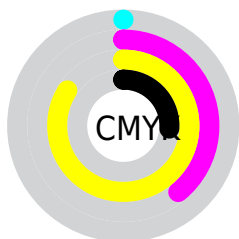
Distribution



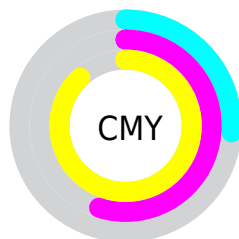
- Red (74%)
- Green (45%)
- Blue (12%)



- Red (65%)
- Yellow (74%)
- Blue (12%)



- Cyan (0%)
- Magenta (39%)
- Yellow (84%)
- Black (26%)





- Cyan (26%)
- Magenta (55%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4660, 23.4033, 4.2980 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 27.4660, 23.4033, 4.2980 by changing the saturation by 10% instead.


 27.4660, 23.4033,
4.2980


 27.4660, 23.4033,
4.2980


282.0330,
269.7897, 151.4822


 18.0619, 14.8916,
1.7902

 55.0454, 49.0547,
14.6914

 11.0944, 8.7433,
0.4215


 73.9514, 66.9632,
23.4141


 6.1981, 4.5741,
0.0000


 96.7554, 88.7727,
35.0455

 3.0077, 1.9996,
0.0000

 123.8227,
114.8676, 50.0042

 1.1579, 0.6073,
0.0000

 155.5188,
145.6324, 68.7086

 0.0727, 0.0000,
0.0000

 192.2090,

 0.0000, 0.0000,

181.4514, 91.5774

0.0000

234.2586,
222.7091, 119.0291

27.4660, 23.4033,
4.2980

27.4660, 23.4033,
4.2980

26.3391, 21.4272,
3.0674

28.8319, 25.6266,
6.3219

25.7602, 20.3669,
2.5735

30.4603, 28.1073,
9.2573

32.3727, 30.8587,
13.2036

34.5875, 33.8920,
18.2467

37.1214, 37.2173,
24.4633

■ 39.9896, 40.8440,
31.9231

■ 43.2062, 44.7812,
40.6904

■ 46.7845, 49.0373,
50.8248

■ 50.7369, 53.6205,
62.3825

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.0570, 23.4033, 8.8718



27.4660, 23.4033, 4.2980



20.5264, 23.4033, 3.6129

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



27.4660, 23.4033, 4.2980



11.7592, 23.4033, 30.8754



31.1347, 23.4033, 67.1734

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



27.4660, 23.4033, 4.2980



14.5708, 13.6502, 50.0106

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



24.0552, 23.4033, 82.3669



27.4660, 23.4033, 4.2980



13.5376, 23.4033, 55.5348

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



27.4660, 23.4033, 4.2980



12.3099, 23.4033, 13.9450



17.7300, 23.4033, 77.2824



36.4545, 23.4033, 42.0865

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



27.4660, 23.4033, 4.2980



16.7454, 23.4033, 4.7916



17.7300, 23.4033, 77.2824



28.8314, 23.4033, 74.0622

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



27.4665, 23.4045, 4.2984



70.9328, 72.2934, 55.3433



23.9594, 12.7511, 14.3489



14.8566, 15.0475, 10.8581



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.4665, 23.4045, 4.2984



45.8939, 35.9915, 4.5282



38.1271, 46.6420, 8.2218



9.9461, 10.3682, 10.0537



17.4096, 13.8580, 1.7573



0.7467, 0.6723, 0.0904

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



14.5708, 13.6502, 50.0106



22.2878, 18.2542, 88.5749



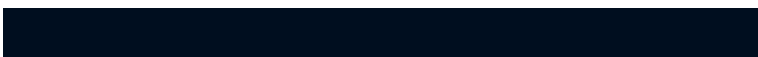
10.3531, 4.9655, 48.5566



9.3677, 9.9276, 12.0947



8.5354, 7.1825, 33.3294



0.3998, 0.4122, 1.3273

Previews

White Background



This preview shows how the XYZ color 27.4660, 23.4033, 4.2980 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 27.4660, 23.4033, 4.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.4660, 23.4033, 4.2980

Background



This preview shows how black text looks on a background with the XYZ color 27.4660, 23.4033, 4.2980.



This preview shows how white text looks on a background with the XYZ color 27.4660, 23.4033,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

27.4660, 23.4033, 4.2980

Protanopia

21.4061, 23.6556, 5.0279

Deuteranopia

23.7742, 23.3125, 4.1109



Tritanopia

30.5073, 23.3235, 19.4170

Trichromacy



Original Color

27.4660, 23.4033, 4.2980

Protanomaly

23.1737, 23.1811, 4.6918

Deuteranomaly

25.0505, 23.2238, 4.1396

Tritanomaly

29.0624, 23.2312, 11.5466

Monochromacy



Original Color

27.4660, 23.4033, 4.2980

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.7171, 21.6720, 13.1637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4660, 23.4033, 4.2980 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(189, 116, 30)` looks like.

```
.text, #text, p{  
    color:rgb(189, 116, 30)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(189, 116, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 116, 30) }
```

Border

The CSS property to change the border of an element to XYZ 27.4660, 23.4033, 4.2980 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 116, 30) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(189, 116, 30) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(189, 116, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 116, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 116, 30);  
box-shadow:4px 4px 4px 4px rgb(189, 116,  
30) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4660, 23.4033, 4.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 116, 30) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(189,  
116, 30) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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